



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Naicker, et al.                      Art Unit : 1653  
Serial No. : 10/754,488                      Examiner : Unknown  
Filed : January 9, 2004  
Title : DEUTERATED RAPAMYCIN COMPOUNDS, METHOD AND USES  
THEREOF

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§1.97 and 1.98.

Pursuant to 37 C.F.R. §1.98(d), copies of the documents cited herein are not enclosed as all the documents have been previously submitted or cited in U.S. Application No. 10/300,015, filed on November 20, 2002; U.S. Application No. 09/987,812, filed on November 16, 2001; U.S. Application No. 09/348,015, filed on July 6, 1999; and/or U.S. Application No. 09/148,623, filed on September 4, 1998; from which the present application claims priority under 35 U.S.C. §120.

1. Connelly, P.R., *et al.* (1993). Probing hydration contributions to the thermodynamics of ligand binding by proteins. Enthalpy and heat capacity changes of tacrolimus and rapamycin binding to FK506 binding protein in D2O and H2O. *Biochemistry*. 32(21):5583-5590.
2. Curran, D.P., *et al.* (1992). Intramolecular Hydrogen Transfer Reactions of o-(Bromophenyl)dialkylsilyl Ethers. Preparation of Rapamycin-d.sub.1. *Tetrahedron Letters* 33(17):2295-2298.
3. Park, S.T., *et al.* (1992). PPIase catalysis by human FK506-binding protein proceeds through a conformational twist mechanism. *J Biol Chem*. 267(5):3316-3324.
4. Sticker, D., Senior Technical Information Specialist of Chemical Abstract Service, C.A.S., Commercial Database Search of Deuterated Rapamycin, search conducted 03/09/2000.

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV321389686US

April 30, 2004  
Date of Deposit

Applicant : Naicker, et al.  
Serial No. : 10/754,488  
Filed : January 9, 2004  
Page : 2 of 2

Attorney's Docket No.: 16592-012004 / 2423

This Information Disclosure Statement is being submitted within three (3) months of the filing date or before any office action is issued. Consequently, no fee is required pursuant to 37 C.F.R. §1.97(b).

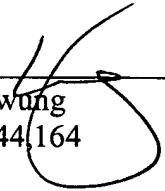
By citing the above references, Applicants do not acquiesce or admit that any of these documents is "prior art" under 35 U.S.C. Applicants specifically reserve the right, where appropriate, to antedate any of the cited documents by an appropriate showing under 37 C.F.R. §1.131, §1.604, §1.608 or any other suitable means.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

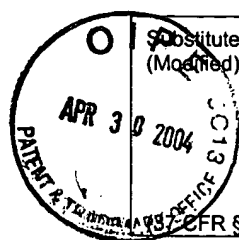
Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 4/30/04

  
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 Substitute Form PTO-1449  
(Modified)

 U.S. Department of Commerce  
Patent and Trademark Office

 Attorney's Docket No.  
16592-012004 / 2423

 Application No.  
10/754,488

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

35 CFR §1.98(b))

Applicant

Naicker, et al.

Filing Date

January 9, 2004

Group Art Unit

1653

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AH							
	AI							
	AJ							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AK	Connelly, P.R., <i>et al.</i> (1993). Probing hydration contributions to the thermodynamics of ligand binding by proteins. Enthalpy and heat capacity changes of tacrolimus and rapamycin binding to FK506 binding protein in D2O and H2O. <i>Biochemistry</i> . 32(21):5583-5590.
	AL	Curran, D.P., <i>et al.</i> (1992). Intramolecular Hydrogen Transfer Reactions of o-(Bromophenyl)dialkylsilyl Ethers. Preparation of Rapamycin-d.sub.1. <i>Tetrahedron Letters</i> 33(17):2295-2298.
	AM	Park, S.T., <i>et al.</i> (1992). PPLase catalysis by human FK506-binding protein proceeds through a conformational twist mechanism. <i>J Biol Chem</i> . 267(5):3316-3324.
	AN	Sticker, D., Senior Technical Information Specialist of Chemical Abstract Service, C.A.S., Commercial Database Search of Deuterated Rapamycin, search conducted 03/09/2000.

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.